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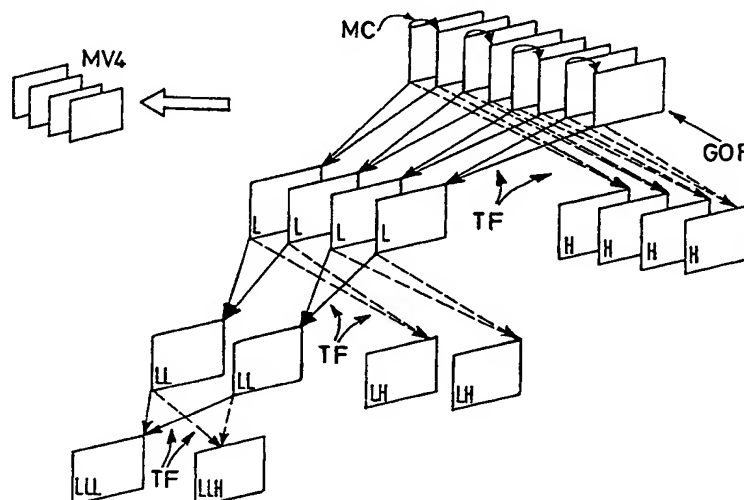
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(54) Title: VIDEO CODING METHOD AND DEVICE



(57) **Abstract:** The invention relates to a video coding method for the compression of a coded bitstream corresponding to an original video sequence that has been divided into successive groups of frames (GOFs). This method, applied to each GOF of the sequence, comprises (a) a spatio-temporal analysis step, leading to a spatio-temporal multiresolution decomposition of the current GOF into low and high frequency temporal subbands and itself comprising a motion estimation sub-step, a motion compensated temporal filtering sub-step, and a spatial analysis sub-step; (b) an encoding step, performed on said low and high frequency temporal subbands and on motion vectors obtained by means of said motion estimation step. According to the invention, said spatio-temporal analysis step also comprises a decision sub-step for activating or not the motion estimation sub-step, said decision sub-step itself comprising a motion activity pre-analysis operation based on the MPEG-7 Motion Activity descriptors and performed on the input frames or subbands to be motion compensated and temporally filtered.